

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2004

This is to certify that:

LG Electronics Co., Ltd. HQ LG Twin tower #20 Yeouido-dong, Yeongdeungpo-gu Seoul 150-721 Republic of Korea

Holds Certificate No: EMS 553894

and operates an Environmental Management System which complies with the requirements of ISO 14001:2004 for the following scope:

Please see scope page.

For and on behalf of BSI:

Managing Director Korea, J K Cheon

Originally registered: 01/10/2009

Latest Issue: 19/11/2010

Expiry Date: 3

e: 30/09/2012



Page: 1 of 5

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>. Printed copies can be validated at www.bsigroup.com/ClientDirectory or telephone +82 2 777 4123.

BSI Group Korea Limited, 21F, Jongno Tower Bldg.#6, Jongno 2-ga, Jongno-gu, Seoul,110-789, Korea. BSI Group Korea Limited is a subsidiary of British Standards Institution.



Certificate No:

EMS 553894

Registered Scope:

- Home Entertainment

The design and manufacture of televisions, television kits, PDP (Plasma Display Panel) modules, optical disk drive, electronic computers, audio and video equipment, paste and CRF(Contrast Ratio Film) for PDP, prism sheets for LCD and SRS(Safety Reinforced Separator).

- Mobile Communications

The design and manufacture of PDA and PDA phones, wireless subscriber user terminal, wireless & mobile user terminals (CDMA, GSM handsets), mobile communications system, switching system, transmission system, key telephone system, terminal products and videophone for telecommunications and USB modems.

- Home Appliance

The design and manufacture of electrical and gas cooking appliances, electrical refrigerators and freezers, refrigeration compressors, vacuum cleaners, electrical motors, magnetrons, water purifier, water ionizer and massage chair, washing machines, dish washers and tumble driers.

- Air-conditioning

The design and manufacture of air-conditioning equipment, rotary & scroll compressors, BLDC motors, chillers, PLS, LED and solar cells & modules

- Business solutions

The design and manufacture of CCD camera and telematics.

Originally registered: 01/10/2009

Latest Issue: 19/11/2010

Expiry Date: 30/09/2012

Page: 2 of 5

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>. Printed copies can be validated at www.bsigroup.com/ClientDirectory or telephone +82 2 777 4123.

BSI Group Korea Limited, 21F, Jongno Tower Bldg,#6, Jongno 2-ga, Jongno-gu, Seoul,110-789, Korea. BSI Group Korea Limited is a subsidiary of British Standards Institution.

Certificate No: EMS 553894

Location

Registered Activities

Location	Registered Activities
LG Electronics Co., Ltd. HQ LG Twin tower #20 Yeouido-dong, Yeongdeungpo-gu Seoul 150-721 Republic of Korea	Planning and supporting of LG Electronics co., Ltd. manufacturing and R&D sites.
LG Electronics Co., Ltd. Pyungtaek Digital Park #19-1, Cheongho-ri Jinwuy-myeon, Pyungtaek-city Gyeonggi-do 451-713 Republic of Korea	The design and manufacture of optical disk drives, electronic computers, PDA and PDA phones, audio and video equipment, CCD camera, telematics, wireless subscriber user terminal and wireless & mobile user terminals(CDMA, GSM handsets).
LG Electronics Co., Ltd. Mobile Handset R&D Center #1 #219-24, Gasan-dong Gumcheon-gu Seoul 153-801 Republic of Korea	The advance, design, development and research of wireless(CDMA, GSM, WCDMA, LTE, WIMAX) and mobile, PC user terminals.
LG Electronics Co., Ltd. Cheongju #1 Plant #50, Hyangjeong-dong Heongdeok-gu, Cheongju-city Chungbuk 361-726 Republic of Korea	The design and manufacture of paste and CRF(Contrast Ratio Film) for PDP, prism sheets for LCD and SRS(Safety Reinforced Separator).
LG Electronics Co., Ltd. Cheongju #2 Plant #73, Hyangjeong-dong Heongdeok-gu, Cheongju-city Chungbuk 361-726 Republic of Korea	The manufacture of mobile communications system, switching system, transmission system, key telephone system, terminal products, videophone for telecommunications and USB modems.
LG Electronics Co., Ltd. Gumi #1 Plant #191, Gongdan-dong Gumi-city Gyoungsangbuk-do 730-903 Republic of Korea	The manufacture of solar cells and modules, LED(light emitting diode) lighting system.
Originally registered: 01/10/2009	atest Issue: 19/11/2010 Expiry Date: 30/09/2012
This certificate was issued electronically and remains the prop An electronic certificate can be authenticated online.	Page: 3 of 5 erty of BSI and is bound by the conditions of contract.

An electronic certificate can be authenticated <u>online</u>. Printed copies can be validated at www.bsigroup.com/ClientDirectory or telephone +82 2 777 4123.

BSI Group Korea Limited, 21F, Jongno Tower Bldg.#6, Jongno 2-ga, Jongno-gu, Seoul,110-789, Korea. BSI Group Korea Limited is a subsidiary of British Standards Institution.

Certificate No: EMS 553894

Location

Registered Activities

LG Electronics Co., Ltd. Gumi #2 Plant #184-4, Gongdan-dong Gumi-city Gyoungsangbuk-do 730-902 Republic of Korea	The manufacture of PDP(Plasma Display Panel) modules.
LG Electronics Co., Ltd. Gumi #3 Plant #299, Gongdan-dong Gumi-city Gyoungsangbuk-do 730-906 Republic of Korea	The manufacture of televisions, television kits, PDP (Plasma Display Panel) modules and the paste and green sheets for PDP.
LG Electronics Co., Ltd. Changwon #1 Plant #391-2, Gaeumjeong-dong Seongsan-gu, Changwon-si Gyeongsangnam-do 642-711 Republic of Korea	The design and manufacture of electrical and gas cooking appliances, electrical refrigerators and freezers, refrigeration compressors, vacuum cleaners, electrical motors, magnetrons, water purifier, water ionizer and massage chair, washing machines, dish washers and tumble driers.
LG Electronics Co., Ltd. Changwon #2 Plant #76, Seongsan-dong Seongsan-gu, Changwon-si Gyeongsangnam-do 642-713 Republic of Korea	The design, development and manufacture of air- conditioning equipment, washing machines, dish washers, tumble driers, chillers, PLS, rotary & scroll compressors.
LG Electronics Co., Ltd. Umyeon R&D Campus #16, Umyeon-dong Seocho-gu Seoul 137-724 Republic of Korea	The advance design, development and research of device & material, PDP, System IC, Intellectual property strategy and Eco strategy.
LG Electronics Co., Ltd. Seocho R&D Campus #221, Yangjae-dong Seocho-gu Seoul 137-130 Republic of Korea	The development of products and technology for Home/Mobile AV, DTV, LCD TVs, Monitor, commercial display, Car AV, Security Equipment and the development of new technology for Software and network solutions, data storage system, solution and core component and the development of product designs and concepts through customer research.
Originally registered: 01/10/2009 Latest Is	esue: 19/11/2010 Expiry Date: 30/09/2012

Printed copies can be validated at www.bsigroup.com/ClientDirectory or telephone +82 2 777 4123.

BSI Group Korea Limited, 21F, Jongno Tower Bldg.#6, Jongno 2-ga, Jongno-gu, Seoul,110-789, Korea. BSI Group Korea Limited is a subsidiary of British Standards Institution.

Certificate No: EMS 553894

Location

LG Electronics Co., Ltd. Gasan R&D Campus #327-23, Gasan-dong Gumcheon-gu Seoul 153-802 Republic of Korea

LG Electronics Co., Ltd. Mobile Handset R&D Center #2 #60-39, Gansan-dong Gumcheong-gu Seoul 153-801 Republic of Korea

LG Electronics Co., Ltd. Mobile Handset R&D Center #3 #517-4, Gansan-dong Gumcheong-gu Seoul 153-801 Republic of Korea

LG Electronics Co., Ltd. LG Anyang R&D Complex #533, Hogye-1dong Dongan-gu, Anyang-si Kyeonggi-do 431-749 Republic of Korea **Registered Activities**

The advance, design, development and research of wireless(CDMA, GSM, WCDMA, LTE, WIMAX) and mobile, PC user terminals. The design and research of air-conditioning equipment, washing machines, dish washers, robot vacuum cleaners, electrical cooking appliances and refrigerators compressors.

The advance, design, development and research of wireless(CDMA, GSM, WCDMA, LTE, WIMAX) and mobile, PC user terminals.

The advance, design, development and research of wireless(CDMA, GSM, WCDMA, LTE, WIMAX) and mobile, PC user terminals.

The provision of building maintenance services for LG R&D Complex.

Originally registered: 01/10/2009

Latest Issue: 19/11/2010

Expiry Date: 30/09/2012

Page: 5 of 5

This certificate was issued electronically and remains the property of BSI and is bound by the conditions of contract. An electronic certificate can be authenticated <u>online</u>. Printed copies can be validated at www.bsigroup.com/ClientDirectory or telephone +82 2 777 4123.

BSI Group Korea Limited, 21F, Jongno Tower Bldg.#6, Jongno 2-ga, Jongno-gu, Seoul,110-789, Korea. BSI Group Korea Limited is a subsidiary of British Standards Institution.